Amendments to the Claims

Please amend the claims as indicated below. All claims are listed below, with amended claims so marked. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for sharing processing capabilities of 1 utilizing multiple network interfaces among said network interfaces, comprising: 3 receiving a first network data to be transmitted by a first network interface according to a protocol; 4 determining whether the first network interface includes hardware supporting[s] 5 the protocol; 6 7 if the protocol is not supported, then providing said first network data to a second network interface including hardware supporting the protocol for processing of said first 8 9 network data into a second network data according to the protocol; and transmitting said second network data with said first network interface. 10 The method of claim 1, wherein the first network interface 11 2. (Original) does not support the protocol, the method further comprising: 12

- presenting said first and second network interfaces to a protocol stack as being a
- 14 homogeneous team of network interfaces.

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15 3. (Original) The method of claim 1, wherein the protocol includes

16 encrypting the first network data before submitting said first network data to a network.

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- 1 4. (Previously Presented) The method of claim 1, further comprising:
 2 communicatively coupling a hardware-based encryption processor with said
 3 second network interface, said encryption processor performing said processing of said
 4 first network data.
 - 5. (Previously Presented) The method of claim 4, wherein the hardware-based encryption processor supports a primary mode for encrypting network data for said second network interface, and a secondary mode for encrypting network data for said first network interface.
 - 6. (Original) The method of claim 5, wherein the said first and second network interfaces operate in an adaptive load balancing mode, and wherein said second network interface interleaves said primary mode encryption with said secondary mode encryption.
- 7. (Previously Presented) The method of claim 6, further comprising:
 providing a third network interface supporting the protocol;
 wherein processing said first network data into said second network data is
 balanced across said second and third network interfaces.
- 17 8. (Original) The method of claim 7, wherein said balancing is performed 18 according to a workload of said second and third network interfaces.
 - 9. (Original) The method of claim 5, wherein the said first and second network interfaces operate in an adapter fault tolerance mode, and wherein said first

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- network interface is a primary network interface, and said second network interface is a backup network interface.
- 10. (Previously Presented) The method of claim 1, wherein the said first
 and second network interfaces operate in an adaptive load balancing mode, and
 wherein said second network interface interleaves processing network data for said
 second network interface with processing said first network data into said second
 network data.
 - 11. (Original) The method of claim 1, wherein the said first and second network interfaces operate in an adapter fault tolerance mode, and wherein said first network interface is a primary network interface, and said second network interface is a backup network interface.
 - 12. (Currently Amended) A readable medium having encoded thereon instructions for sharing processing capabilities of multiple network interfaces among said network interfaces, the instructions capable of directing a processor to:
 - receive a first network data to be transmitted by a first network interface according to a protocol;
 - determine whether the first network interface <u>includes hardware</u> support<u>ing</u>[s] the protocol;
 - if the protocol is not supported, then provide said first network data to a second network interface <u>including hardware supporting the protocol</u> for processing of said first network data into a second network data according to the protocol; and

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1	transmit said second	i network data w	vitn said second	network interface.

- 2 13. (Original) The medium of claim 12, wherein the protocol includes 3 encrypting the first network data before submitting said first network data to a network.
- 14. (Previously Presented) The medium of claim 12, said instructions including further instructions to direct said processor to:
 - process said first network data into said second network data with a hardwarebased encryption processor communicatively coupled with said second network interface.
 - 15. (Previously Presented) The medium of claim 14, wherein the hardware-based encryption processor supports a primary mode and a secondary mode, said instructions including further instructions to direct said processor to:
 - encrypt network data for said second network interface when said encryption processor is in said primary mode; and
- encrypt network data for said first network interface when said encryption processor is in said secondary mode.
 - 16. (Previously Presented) The medium of claim 15, wherein said first and second network interfaces operate in an adaptive load balancing mode, and wherein said second network interface interleaves said primary mode encryption with said secondary mode encryption.

1	17.	(Previously Presented)	The medium of claim 16, in which a third		
2	network inter	face supports the protocol	, said instructions including further instructions to		
3	direct said processor to:				
4	balan	ce processing said first net	work data into said second network data across		
5	said second	and third network interface	es.		
6	18.	(Previously Presented)	The medium of claim 17, wherein said		
7	balancing is performed according to a workload of said second and third network				
8	interfaces.				
9	19.	(Previously Presented)	The medium of claim 15, wherein said first and		
10	second network interfaces operate in an adapter fault tolerance mode.				
11	20.	(Currently Amended)	In a computing device, a network interface		
12	team, comprising:				
13	a first	network interface lacking t	nardware support for a protocol; and		
14	a seco	ond network interface <u>inclu</u>	ding hardware supporting the protocol, said		
15	second network interface configured to process network data for the first network				
16	interface if sa	aid network data is to be tra	ansmitted according to the protocol and to return		
17	processed da	ata to the first network inte	rface.		
18	21,.	(Previously Presented)	The network interface team of claim 20, further		
19	comprising:				
20	a first	receiver, communicatively	coupled to said first network interface, for		

receiving network data to be transmitted by said first network interface;

1	a second receiver, communicatively coupled to said second network interface, for			
2	receiving network data to be transmitted by said second network interface; and			
3	a transferor, communicatively coupled with said first network interface and said			
4	second receiver, and configured to transfer network data to said second network			
5	interface for processing according to the protocol.			
6	22. (Currently Amended) A method for sharing processing capabilities of			
7	members of a system of network interfaces among the system members, comprising:			
8	determining a first network interface is to transmit the first data having a data			
9	configuration;			
10	determining the first data is configured in accordance with a protocol a manner			
11	unsupported by the first network interface;			
12	locating a second network interface of the system including hardware that			
13	supports the data configuration;			
14	secondarily processing by the hardware of the second network interface of the			
15	first data in accordance with the protocol into a second data; and			
16	providing the second data to the first network interface so that the second data			
17	appears to have been processed by the first network interface.			
18	23. (Original) The method of claim 22, further comprising:			
19	selecting the first network interface to transmit the first data based at least in part			
20	on a load-balancing of network traffic across the plural network interfaces;			
21	performing by a driver for the first network interface of said determining the first			

data is configured according to the protocol unsupported by the first network interface;

1	receiving by the driver of the second data, wherein the data is now in a format			
2	supported by the network interface; and			
3	providing by the driver of the second data to the first network interface.			
4	24. (Currently Amended) A method for distributing network processing across			
5	a team of network interfaces cards including at least a first network interface card (NIC)			
6	lacking support for a first specialized capability and a second NIC that supports the first			
7	specialized capability, the method comprising:			
8	receiving first data to be processed and transmitted by the first NIC to a recipient			
9	determining said processing said received the first data requires the first			
10	specialized capability unsupported by the first NIC;			
11	secondarily processing by the second NIC of the first data into second data with			
12	the supported first specialized capability; and			
13	providing the second data to the first NIC for transmission to the recipient.			
14	25. (Original) The method of claim 24, wherein the second NIC comprises an			
15	application specific integrated circuit providing the first specialized capability.			
16	26. (Original) The method of claim 24, wherein the team of network interfaces			
17	include a third network that supports a second specialized capability, the method			
18	comprising:			
19	aggregating specialized capabilities offered by interfaces of the team; and			
20	providing a virtual NIC appearing to provide each of the specialized processing			
21	capabilities.			